

# UNX001U-2P



2-port omni antenna, 2x 713-803 MHz, 360° horizontal beamwidth.

**OBSOLETE**

This product was discontinued on: February 28, 2025

## General Specifications

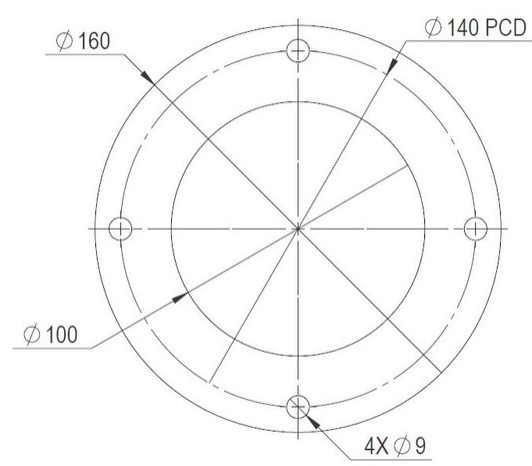
Antenna Type	Omni
Band	Single band
Grounding Type	RF connector body grounded to mounting interface
Performance Note	Outdoor usage
Radome Material	Fiberglass, UV resistant
Radiator Material	Brass   Copper
RF Connector Interface	4.3-10 Female
RF Connector Location	Bottom
RF Connector Quantity, high band	0
RF Connector Quantity, mid band	0
RF Connector Quantity, low band	2
RF Connector Quantity, total	2

## Dimensions

Length	978 mm   38.504 in
Net Weight, without mounting kit	5 kg   11.023 lb
Outer Diameter	82 mm   3.228 in

## Mounting Hole Pattern

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## Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	713 – 803 MHz
Polarization	Horizontal   Vertical
Total Input Power, maximum	160 W @ 50 °C

## Electrical Specifications

Frequency Band, MHz	713–803
Gain, dBi	4.9
Beamwidth, Horizontal, degrees	360
Beamwidth, Vertical, degrees	56.6
Beam Tilt, degrees	0
USLS (First Lobe), dB	12
Isolation, Cross Polarization, dB	28
VSWR   Return loss, dB	1.6   12.7
PIM, 3rd Order, 2 x 20 W, dBc	-145
Input Power per Port, maximum, watts	80

## Mechanical Specifications

Wind Loading @ Velocity, frontal	76.0 N @ 150 km/h (17.1 lbf @ 150 km/h)
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**Wind Speed, maximum** 241 km/h (150 mph)

## Packaging and Weights

**Width, packed** 251 mm | 9.882 in  
**Depth, packed** 237 mm | 9.331 in  
**Length, packed** 1105 mm | 43.504 in  
**Weight, gross** 7.8 kg | 17.196 lb

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

## \* Footnotes

**Performance Note** Severe environmental conditions may degrade optimum performance